

# Rushil Shah

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Portfolio - <https://rushilshah23.github.io>

## Technical Skills:

- **Languages:** JavaScript, TypeScript, Python
- **Databases:** SQL, Firebase, MongoDB
- **Frameworks:** Node JS, Express JS, React JS, Next JS, Flask, Flutter
- **Others:** Git, Web Sockets, Linux, Docker, RabbitMQ, Microsoft Azure

## Qualifications:

- **B.E in Information Technology (Mumbai University) - 2022 - 8.93 CGPA**

## Experience:

### → **Datacurate Technologies, Mumbai - Associate Consultant (June 2022- Present):**

#### 1. **HDFC ERGO, Mumbai**

- Developed backend API app overseeing intelligent auto-correct functionalities, intricate quote calculations and quote extractor from diverse competitors computer-generated PDF to scanned copy of a policy.
- Developed and tested complex quick and full quote generation **Flask** app for different products which eliminated the manual 8-days long process to instantaneous with real time updates.
- Proposed and developed migration of legacy HTML, CSS, JavaScript code to **Next JS** for the quote generation site frontend which made the web app more readable and maintainable.

#### 2. **Kotak Life Insurance, Mumbai**

- Developed ETL pipeline in **SAS** for complex Data Marts used in analytical dashboards and modified the existing codebase which improved the efficiency by 30%.
- Developed automated wrapper module responsible for the complete regular data loading with parallel processing which further reduced the data loading time by 50%.
- Debugged the whole legacy DDS and fixed critical infrastructure bugs.

### → **IAHV (Art of Living) - Flutter Developer Intern, Mumbai (August 2020-March 2021):**

- Led the team and responsible for integrating, debugging the mobile app which served to be project management system for Watershed Management app developed using **Flutter** for client app, **Node JS** for backend and **Firebase** for Database. Modules Undertaken were: - Google Drive like Document Manager, Feedback System.

## Personal Projects:

- **Multiplayer Tic Tac Toe Game:** **Next JS, Node JS** based game leveraging **microservice architecture**, employing **RabbitMQ** as a message broker. Utilized **Vanilla WebSocket** with heartbeat functionality, supported by three microservices and a proxy server. Integrated **MongoDB** for seamless data management secured with an advanced authentication microservice system.
- **AI Proctoring Examination System:** **React JS, Node JS, Firebase** based full-fledged CMS web application to **detect** various **malpractices** during examination using **TensorFlow**, manage exams, as per user role and mail results of exam to the students with secured **JWT** Authentication system and frontend powered by **Material UI** and state managed using **Redux**.

## Achievements and Publications:

- Microsoft Azure AZ-900
- Winner at Mumbai Hackathon (2022)
- Smart Home Automation System
- Attendance System using RFID Technology

[\(Microsoft\)](#)

[\(Zerodha/Frappe\)](#)

[\(HBRP Publications\)](#)

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